



IPD

Atty. Dkt. No. 045413-0113

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jonathan A. ELLMAN et al.

Title: PHARMACOPHORE
RECOMBINATION FOR THE
IDENTIFICATION OF SMALL
MOLECULE DRUG LEAD
COMPOUNDS

Appl. No.: 10/670,607

Filing Date: 09/26/2003

Examiner: John Epperson

Art Unit: 1639

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

Copies of References C35, C36, C41, C43 and C44 are not being provided because these references are available in parent Application No. 10/029,304. For the remaining references, a copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents, namely References C35-C36, C39-C40, C41 and C43-C46 are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1), References C37-C38 and C42 were first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a

check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 21, 2005

By _____

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: March 21, 2005

(use as many sheets as necessary)

Complete if Known

Application Number	10/670,607
Filing Date	09/26/2003
First Named Inventor	Jonathan A. ELLMAN
Group Art Unit	1639
Examiner Name	Jon D. Epperson
Attorney Docket Number	045413-0113

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	C35	5,491,169		Roques, Bernard et al.	02-13-1996	
	C36	6,335,155		Wells, Jim et al.	01-01-2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	C37	EP	0 523 978 A		La Jolla Pharmaceutical	01-20-1993		
	C38	WO	96/33416		LXR Biotechnology Inc.	10-24-1996		
	C39	WO	97/18469		Abbott Laboratories	05-22-1997	Pages 23-31	
	C40	WO	93/18052		ISIS Pharmaceuticals, Inc.	09-16-1993	Pages 108-111	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C41	Konings, D.A.M. et al., "Deconvolution of Combinatorial Libraries for Drug Discovery: Theoretical Comparison of Pooling Strategies" J. Med. Chem. 1996, 39, 2710-2719.	
	C42	HIOKI, H. and STILL, W.C., "Chemical evolution: A model system that selects and amplifies a receptor for the tripeptide(D) Prol(L) Val (D) Val," Journal of Organic Chemistry, vol. 63, no. 4, 20 February 1998, pages 904-905, published on Web 01/22/1998	
	C43	JANDA, K. Tagged versus Untagged Libraries: Methods for the Generation and Screening of Combinatorial Chemical Libraries, November 1994, Proc. Natl. Acad. Sci. USA, Vol 91, pp. 10779-10785	
	C44	NICOLAU, K.C., "Handbook of Combinatorial Chemistry" Weinheim Germany: Wiley-VCH 20032, Vol. 1, page v-xxv	
	C45	NAZARPACK-KANDLOUSY, N. et al, "Synthesis and Characterization of a Mixture-Based Library of Oxime Ethers Based on a Common Aromatic Scaffold," Journal of Combinatorial Chemistry, 1998	
	C46	TUCHSCHERER, G. "Template Assembled Synthetic Proteins: Condensation of a Multifunctional Peptide to a Topological Template via Chemoselective Ligation," Tetrahedron Letters, Vol. 34, No. 52, pages 8419-8422; 1993; Great Britain	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.